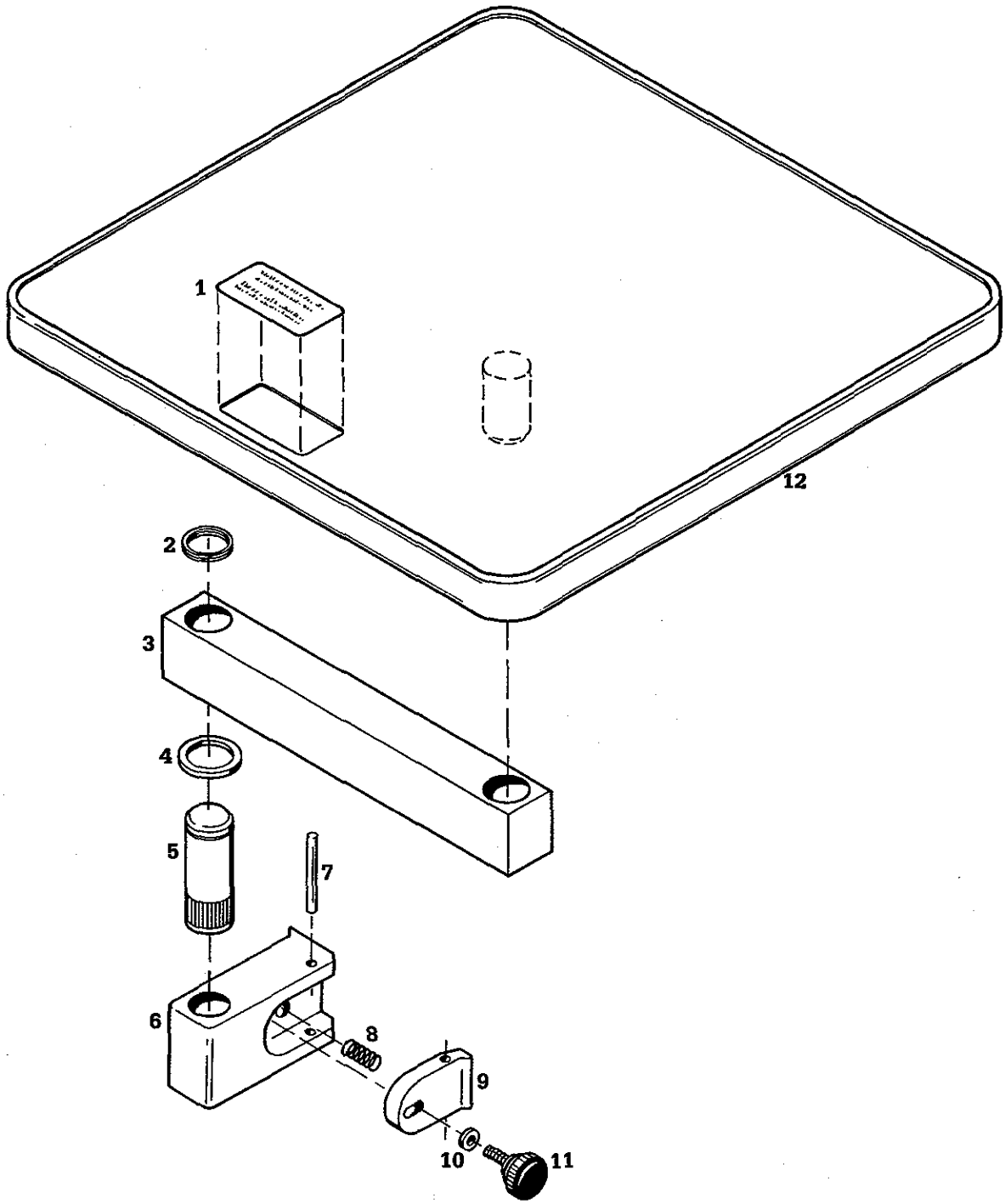
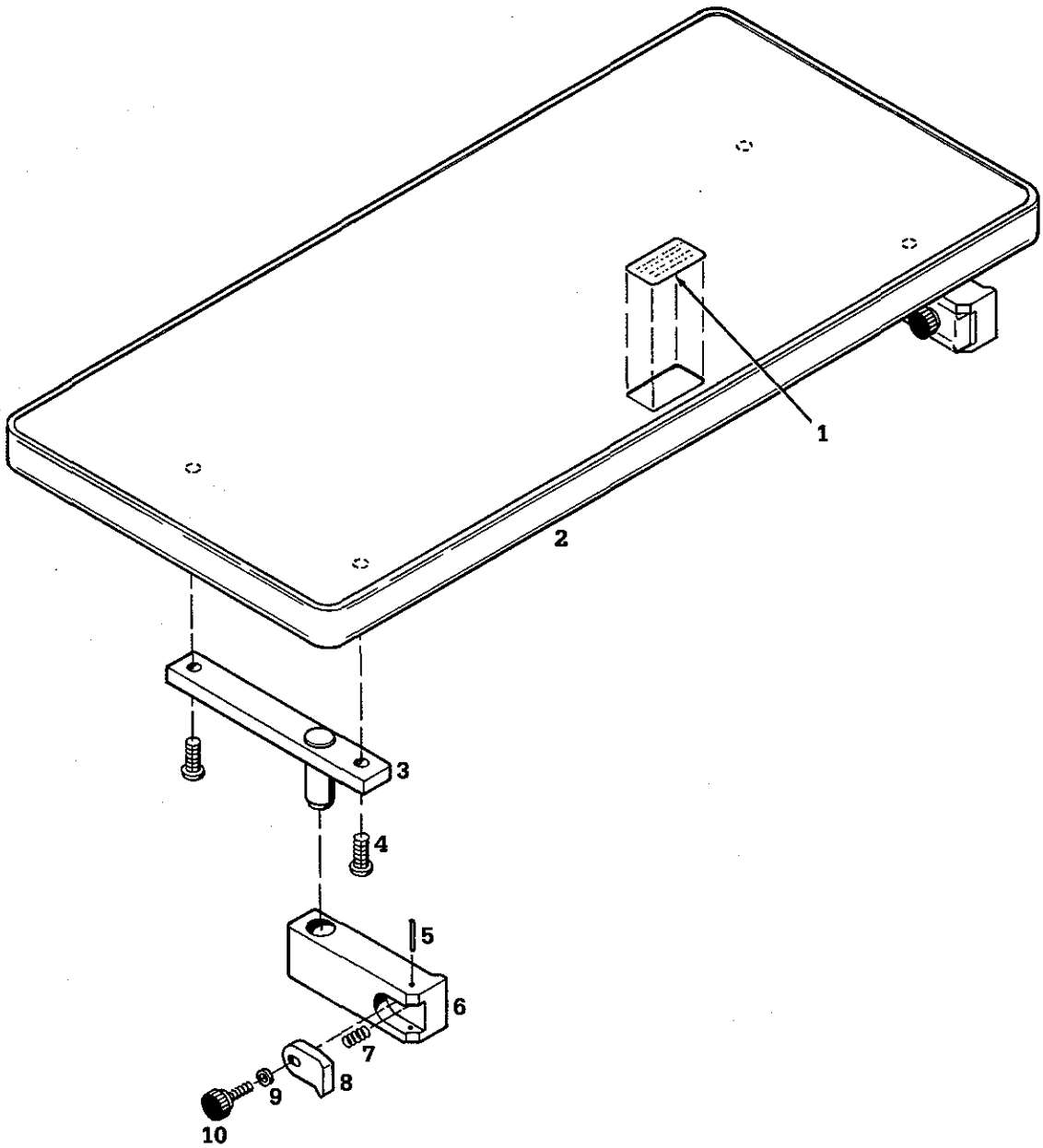


Description	Stock Number
1. Label, shelf load limit	0205-4955-300
2. Locking ring	0203-5186-300
3. Swivel arm	0217-5337-552
4. Washer	0202-0096-300
5. * Swivel post	0217-5244-500
6. * Mounting block	0217-5330-552
7. Groove pin	0143-3210-424
8. Spring	0203-3186-300
9. Pawl	0217-5300-552
10. Washer	0202-0095-300
11. ** Knob	0217-5335-300
12. Swivel shelf, 12 x 12	0217-5347-600

*** These parts must be separated and then pressed together using a hydraulic press or a large bench vise.**

**** Apply Lubriplate to the knob threads.**

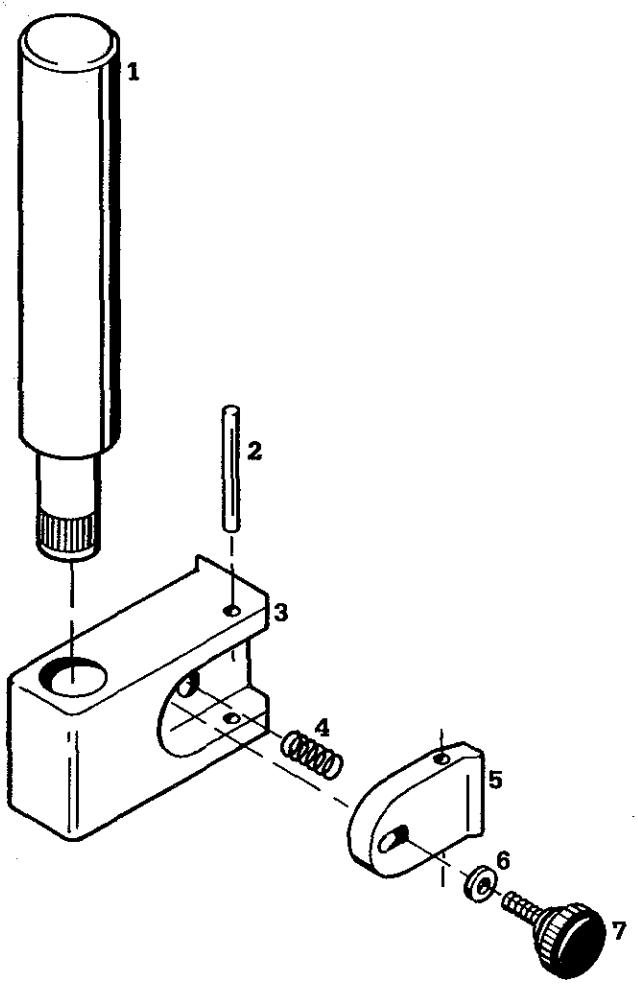
Figure 7-21
Instrument Shelf Assembly (0217-5365-800)



Description	Stock Number
1. Label, shelf load limit	0205-4956-300
2. Monitor shelf 12 x 26	0217-5348-100
3. Shelf support	0217-5346-710
4. * Screw 1/4-20 x 5/8	0140-6136-110
5. Groove pin	0143-3210-424
6. Post block	0217-5329-552
7. Spring	0203-3186-300
8. Pawl	0217-5300-552
9. Washer	0202-0095-300
10. ** Knob	0217-5335-300

*** Use Loctite 242 on threads, tighten, then loosen 1/2 turn.**
**** Apply Lubriplate to the knob threads.**

Figure 7-22
Monitor Shelf Assembly (0217-5366-800)

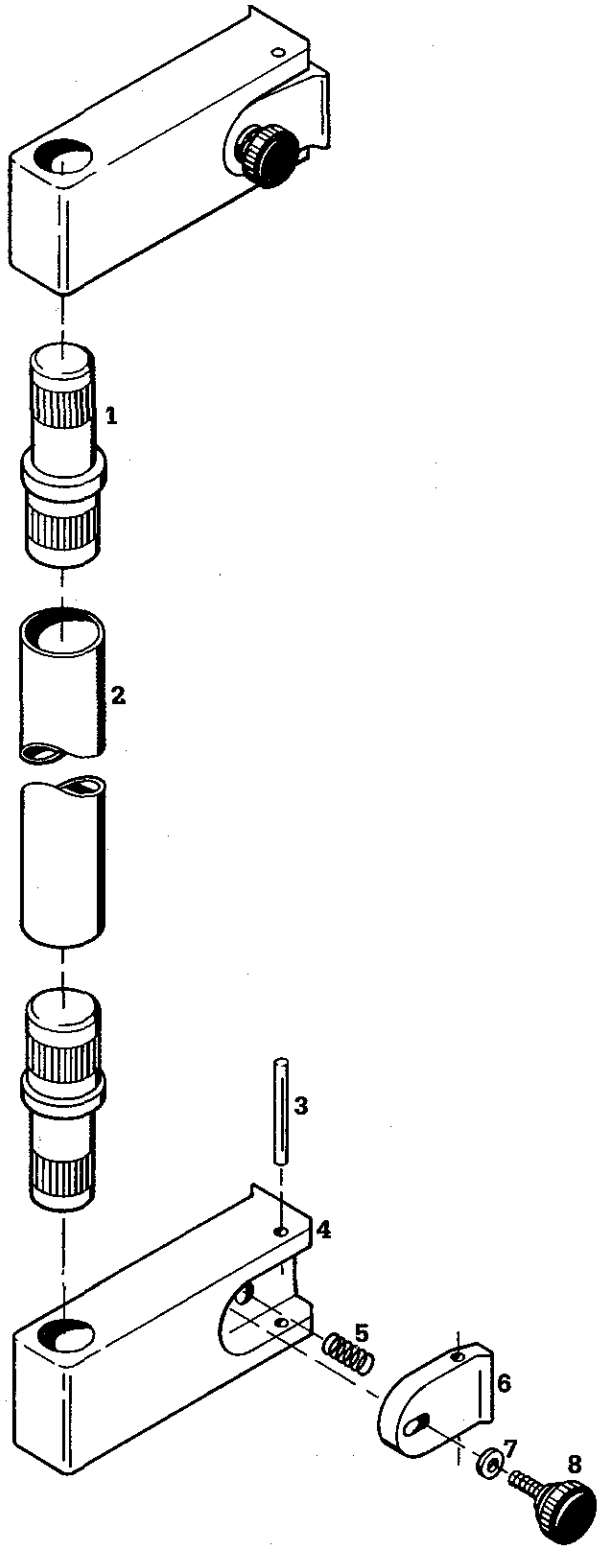


Description	Stock Number
1. * Mounting post	0217-5328-500
2. Groove pin	0143-3210-424
3. Mounting block	0217-5330-552
4. Spring	0203-3186-300
5. Pawl	0217-5300-552
6. Washer	0202-0095-300
7. ** Knob	0217-5335-300

*** This part must be separated and then pressed together using a hydraulic press or a large bench vise.**

**** Apply Lubriplate to the knob threads.**

Figure 7-23
3.5 Inch Utility Post Assembly (0217-5374-800)

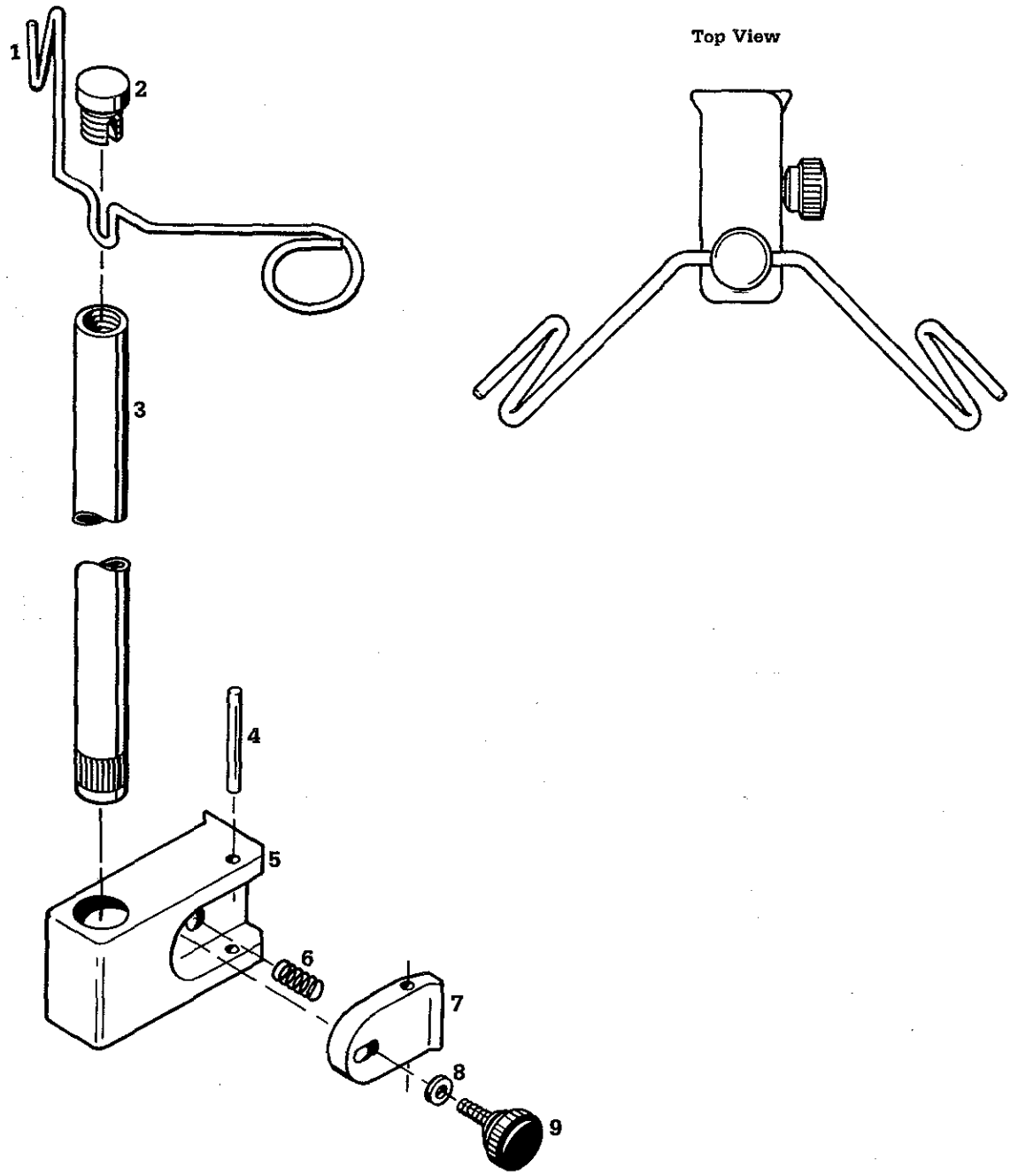


Description	Stock Number
1. * Double adapter	0217-5332-500
2. Post, 20 inch	0217-5333-500
3. Groove pin	0143-3210-424
4. Post block	0217-5329-552
5. Spring	0203-3186-300
6. Pawl	0217-5300-552
7. Washer	0202-0095-300
8. ** Knob	0217-5335-300

*** This part must be separated and then pressed together using a hydraulic press or a large bench vise. Be sure to align upper and lower blocks before assembly.**

**** Apply Lubriplate to the knob threads.**

Figure 7-24
20 Inch Utility Post Assembly (0217-5376-800)



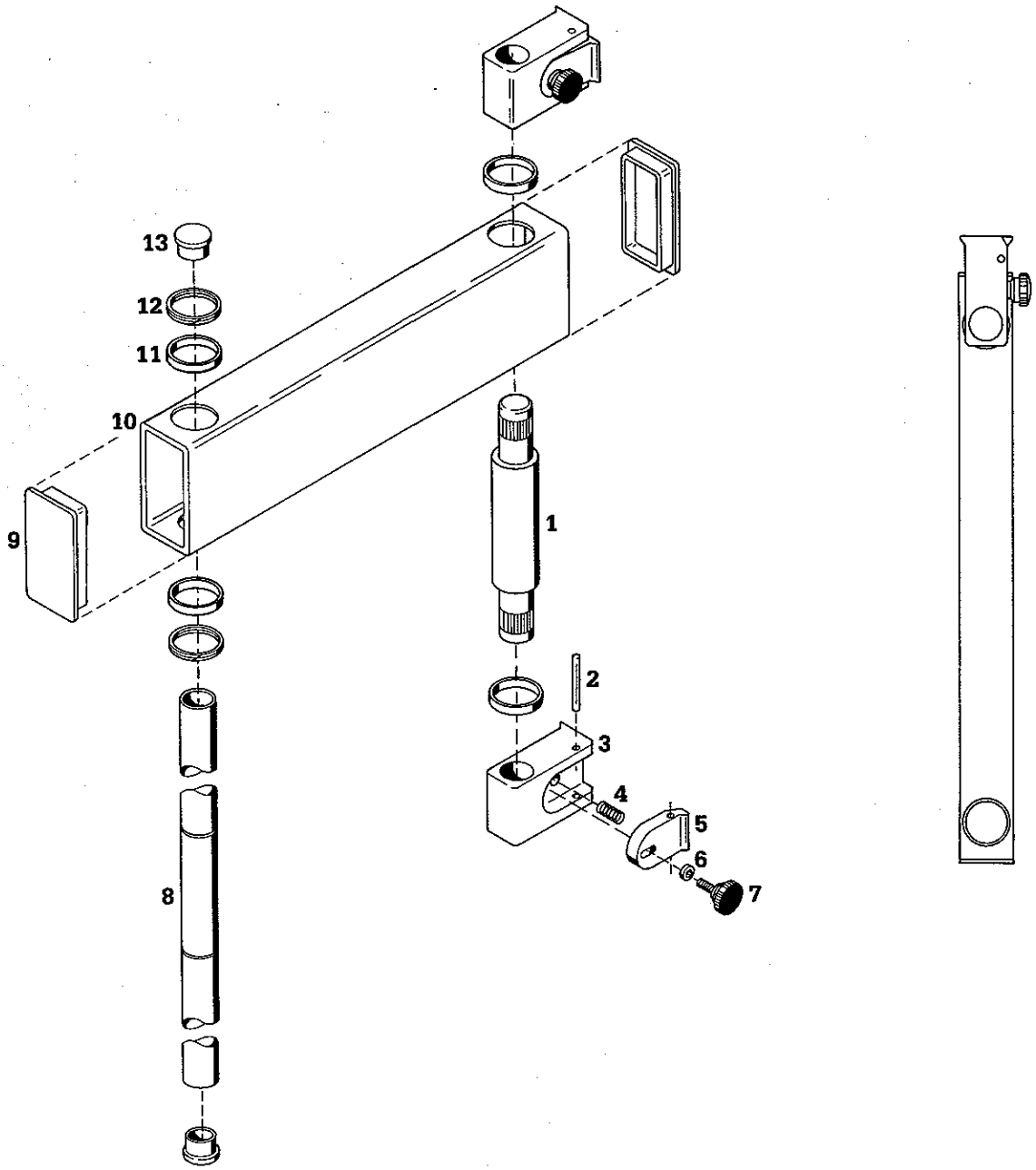
Description	Stock Number
1. Hanger	0217-5091-300
2. + Cap	0217-5092-535
3. * Rod	0217-5345-549
4. Groove pin	0143-3210-424
5. Post block	0217-5330-552
6. Spring	0203-3186-300
7. Pawl	0217-5300-552
8. Washer	0202-0095-300
9. ** Knob	0217-5335-300

+ Apply Loctite 277 before assembly.

* This part must be separated and then pressed together using a hydraulic press or a large bench vise.

** Apply Lubriplate to the knob threads.

Figure 7-25
I.V. Pole Assembly (0217-5378-800)

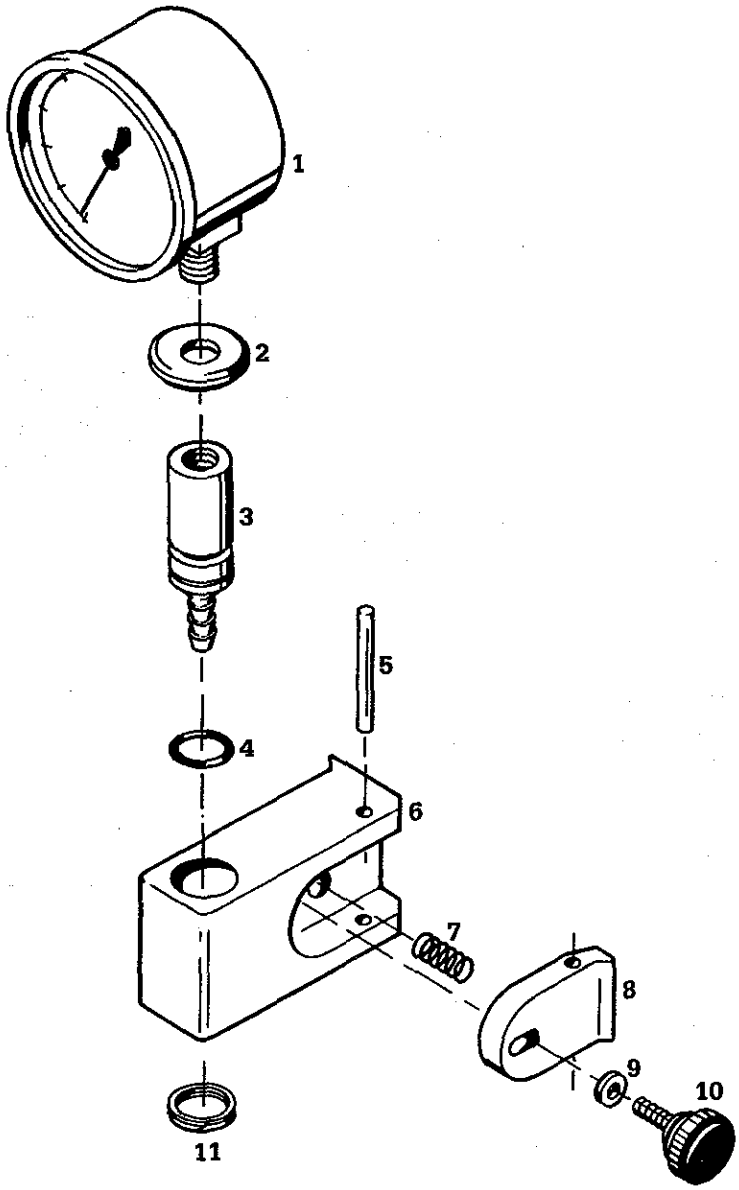


Description	Component
1. * Ventilator pivot post	0217-5289-500
2. Groove pin 5/32 dia × 1.5l	0143-3210-424
3. Manifold accessory block	0217-5331-552
4. Spring	0203-3186-300
5. Pawl accessory block	0217-5300-552
6. Washer	0202-0095-300
7. ** Knob	0217-5335-300
8. Ventilator mounting post tube	0217-5288-500
9. End rail cap	0211-1546-300
10. Ventilator mounting post arm	0217-5287-300
11. Black delrin washer	0202-0097-500
12. Spiral ring lock	0203-5188-300
13. Black butyrate cap	0211-1542-300

*** This part must be separated and then pressed together using a hydraulic press or a large bench vise. Be sure to align upper and lower blocks before assembly.**

**** Apply Lubriplate to the knob threads.**

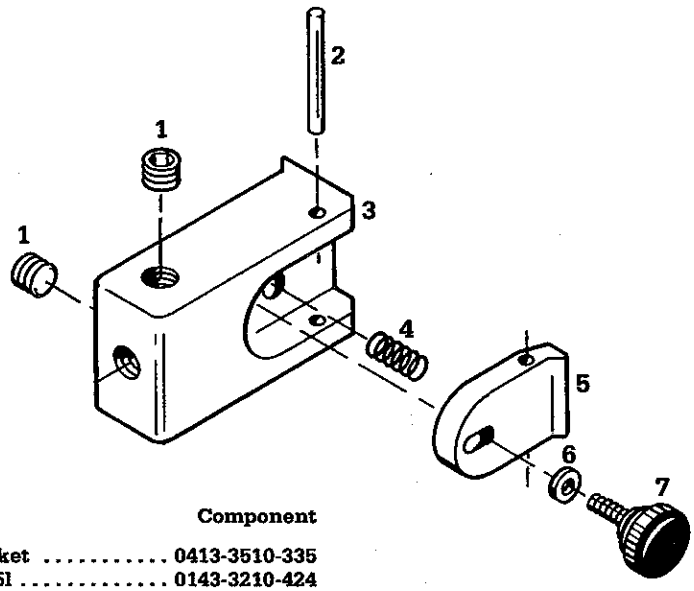
Figure 7-26
Ventilator Mounting Post Assembly (0217-5357-800)



Description	Stock Number
1. Gauge -20 to +100cmH_2O (-2 to +10kpa)	0205-8156-300
2. Washer	0402-0221-500
3. Coupler	0217-5344-542
4. O-ring	0210-0543-300
5. Groove pin	0143-3210-424
6. Post block	0217-5330-552
7. Spring	0203-3186-300
8. Pawl	0217-5300-552
9. Washer	0202-0095-300
10. * Knob	0217-5335-300
11. Locking ring	0203-5186-300

* Apply Lubriplate to the knob threads.
Note: Seal pipe threads with Loctite # 79 or Teflon tape.

Figure 7-27
Manometer Assembly (0217-5377-800)

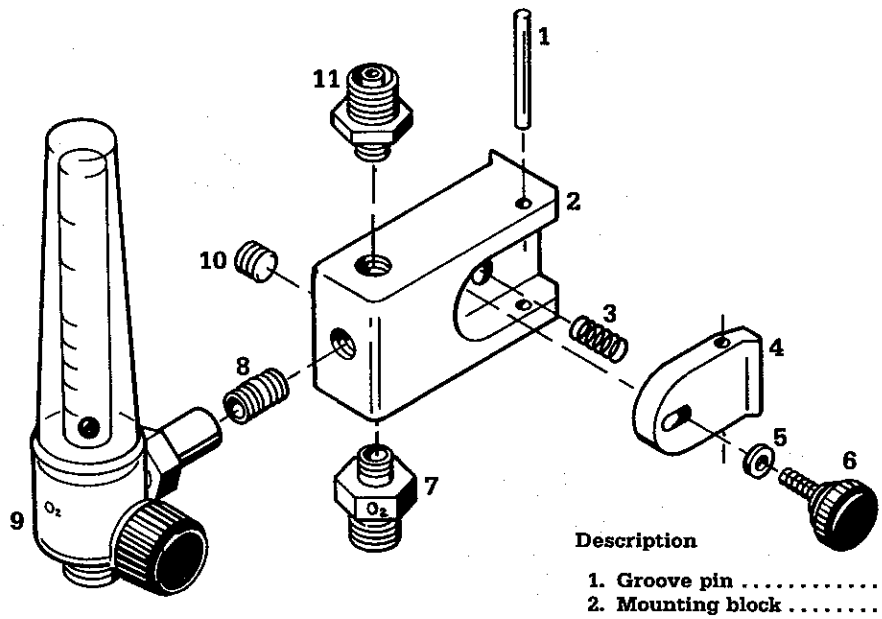


Description	Component
1. Plug 1/8nptm w/hex socket	0413-3510-335
2. Groove pin 5/32 dia x 1.5l	0143-3210-424
3. Manifold accessory block	0217-5331-552
4. Spring	0203-3186-300
5. Pawl accessory block	0217-5300-552
6. Washer	0202-0095-300
7. * Knob	0217-5335-300

*** Apply Lubriplate to the knob threads.**

Note: Seal pipe threads with Loctite # 79 or Teflon tape. Pawl must operate freely.

Figure 7-28
Manifold Assembly (0217-5359-800)

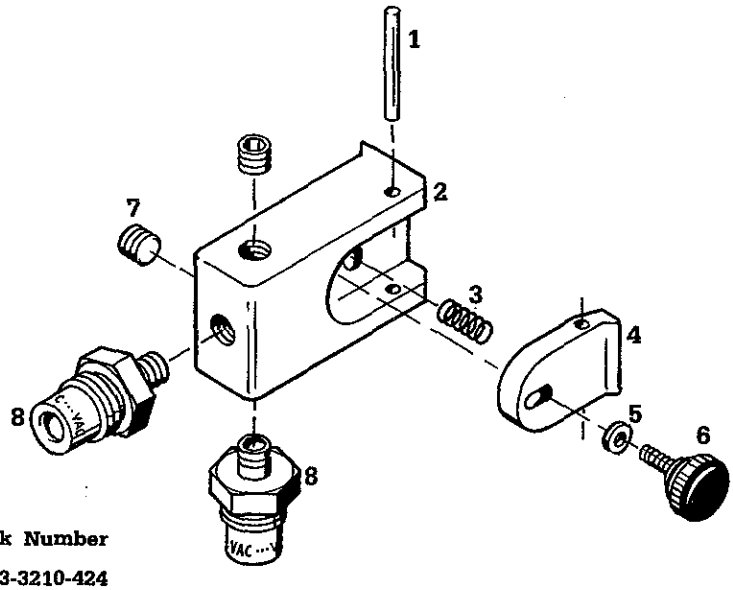


Description	Stock Number
1. Groove pin	0143-3210-424
2. Mounting block	0217-5330-552
3. Spring	0203-3186-300
4. Pawl	0217-5300-552
5. Washer	0202-0095-300
6. * Knob	0217-5335-300
7. O_2 DISS Adapter 1/8npt	0204-0490-535
8. Close nipple 1/8nptm	0413-1000-335
9. O_2 Flowmeter	0304-5500-805
10. Hex socket plug 1/8nptm	0413-3510-335
11. O_2 DISS Outlet 1/8npt	0205-0540-800

*** Apply Lubriplate to the knob threads.**

Note: Seal pipe threads with Loctite # 79 or Teflon tape. Pawl must operate freely.

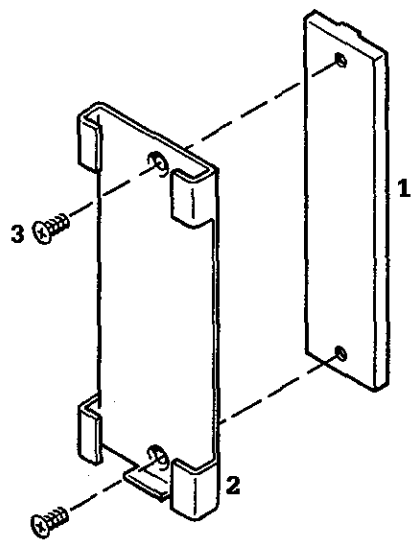
Figure 7-29
Flowmeter Assembly (0217-5370-800)



Description	Stock Number
1. Groove pin	0143-3210-424
2. Mounting block	0217-5330-552
3. Spring	0203-3186-300
4. Pawl	0217-5300-552
5. Washer	0202-0095-300
6. * Knob	0217-5335-300
7. Hex socket plug 1/8nptm	0413-3510-335
8. DISS Vacuum adapter 1/8npt	0204-7989-535

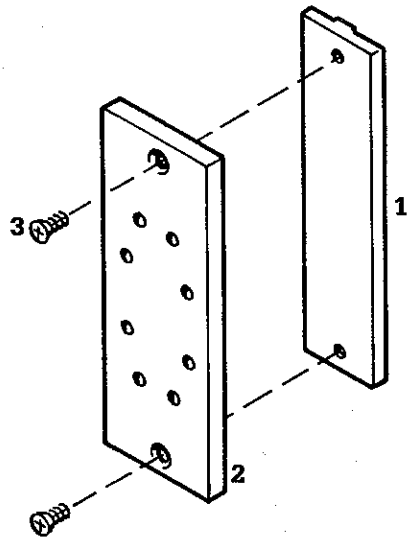
Note: Seal pipe threads with Loctite # 79 or Teflon tape.
*** Apply Lubriplate to the knob threads.**

Figure 7-30
Vacuum Manifold Assembly (0217-5369-800)



Description	Component
1. Vacuum slide locking lug	0217-5243-551
2. Vacuum slide bottle mount	0221-2343-500
3. Screw 6-32 x .238	0400-3145-300

Figure 7-31
Slide Assembly (0217-5367-800)



Description	Stock Number
1. Locking lug	0217-5243-551
2. Adapter plate	0217-5217-549
3. Screw	0400-3103-300

Figure 7-32
Bird Dovetail Adapter Assembly (0217-5363-800)

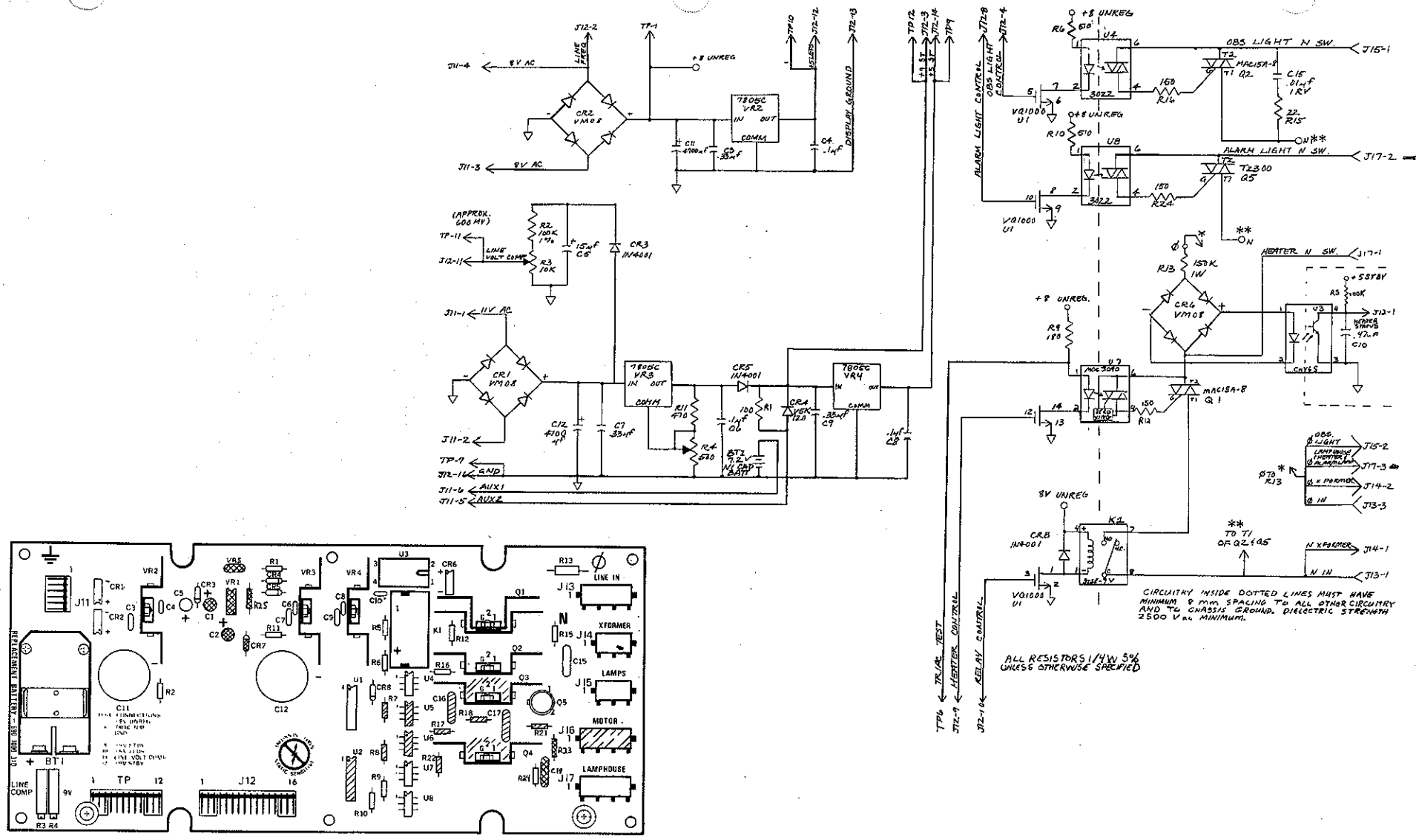
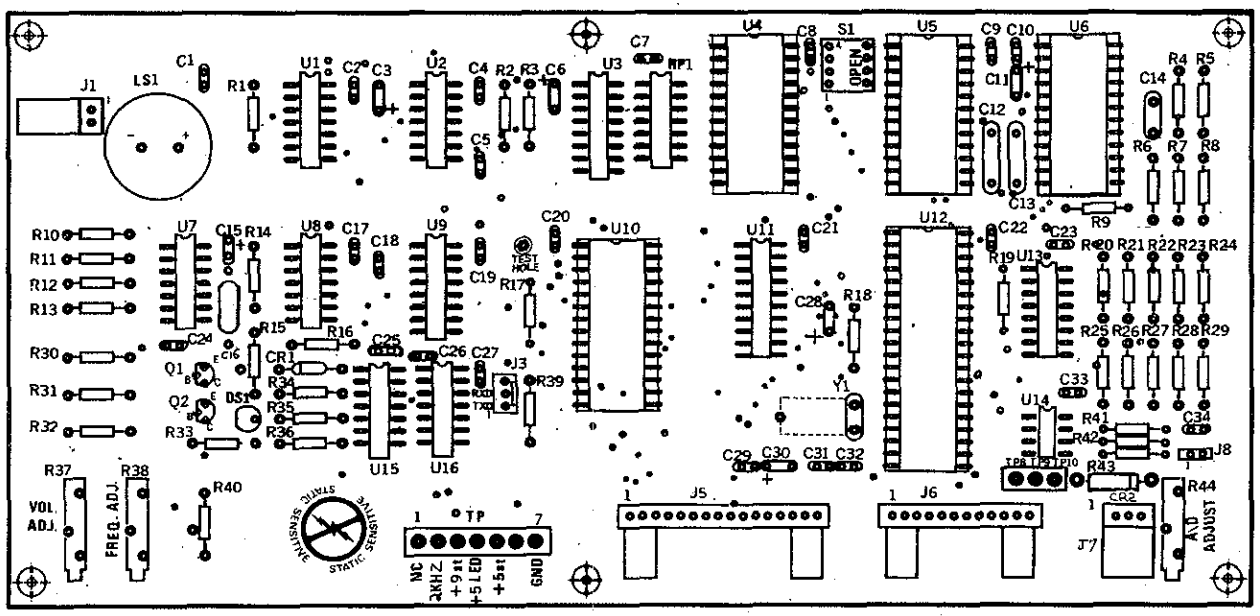


Figure 8-1
Power Supply Board



Control Board Layout

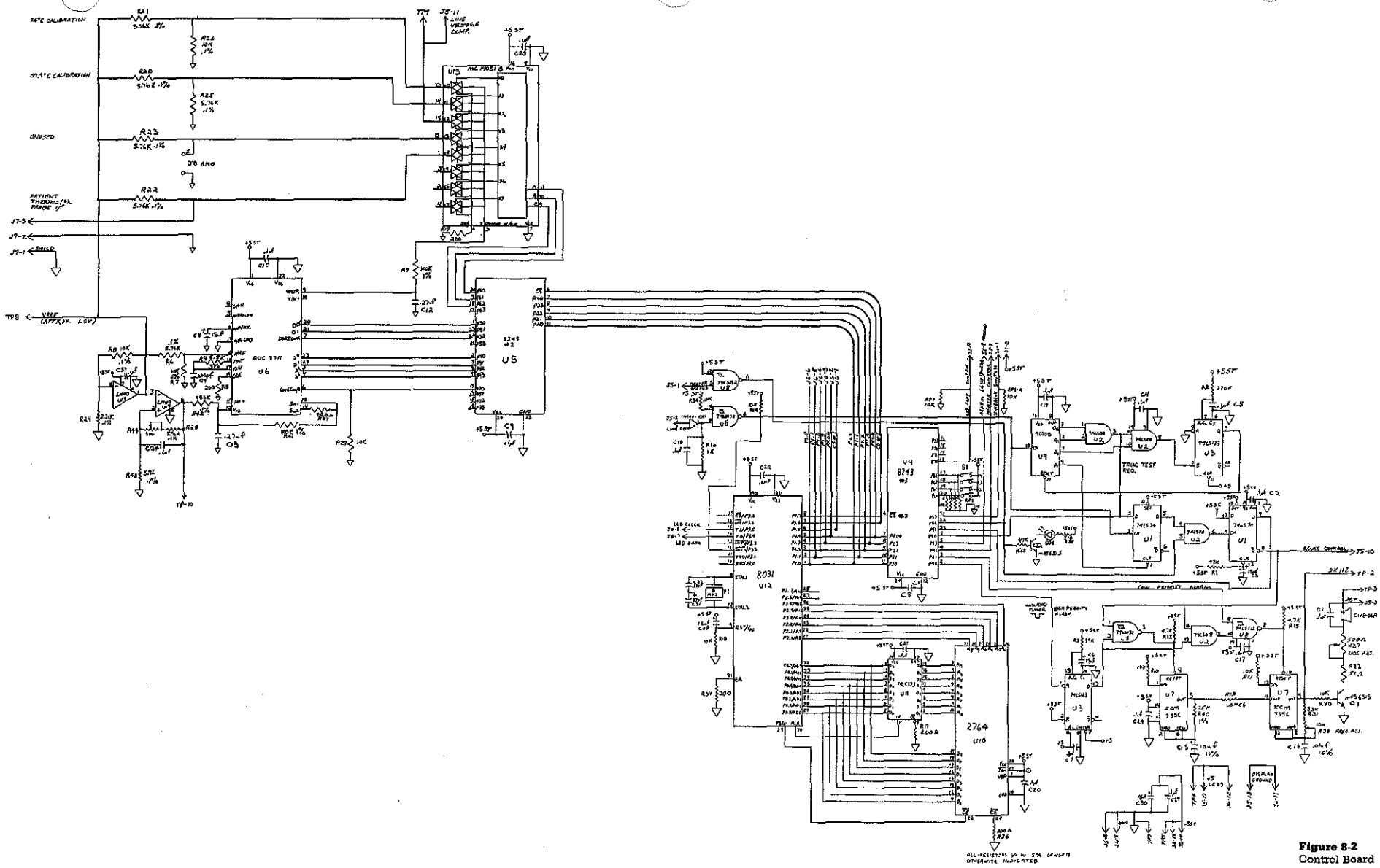
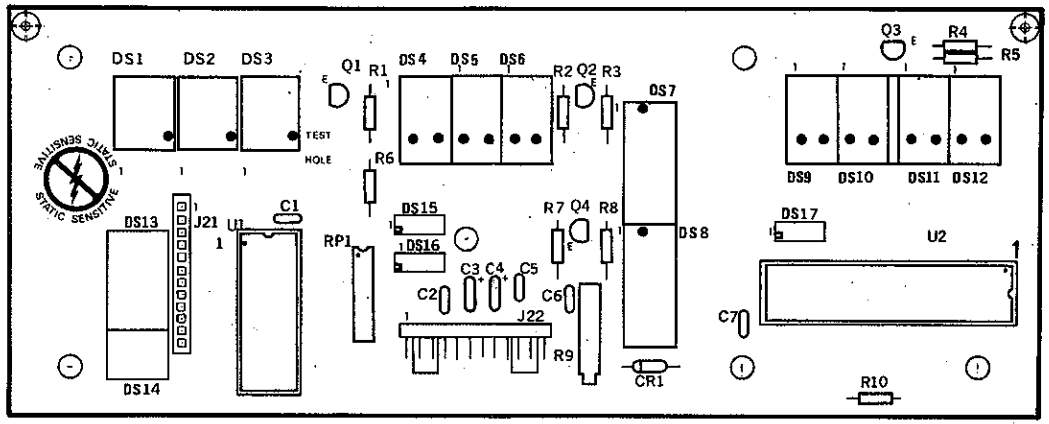


Figure 8-2
Control Board



Display Board Layout

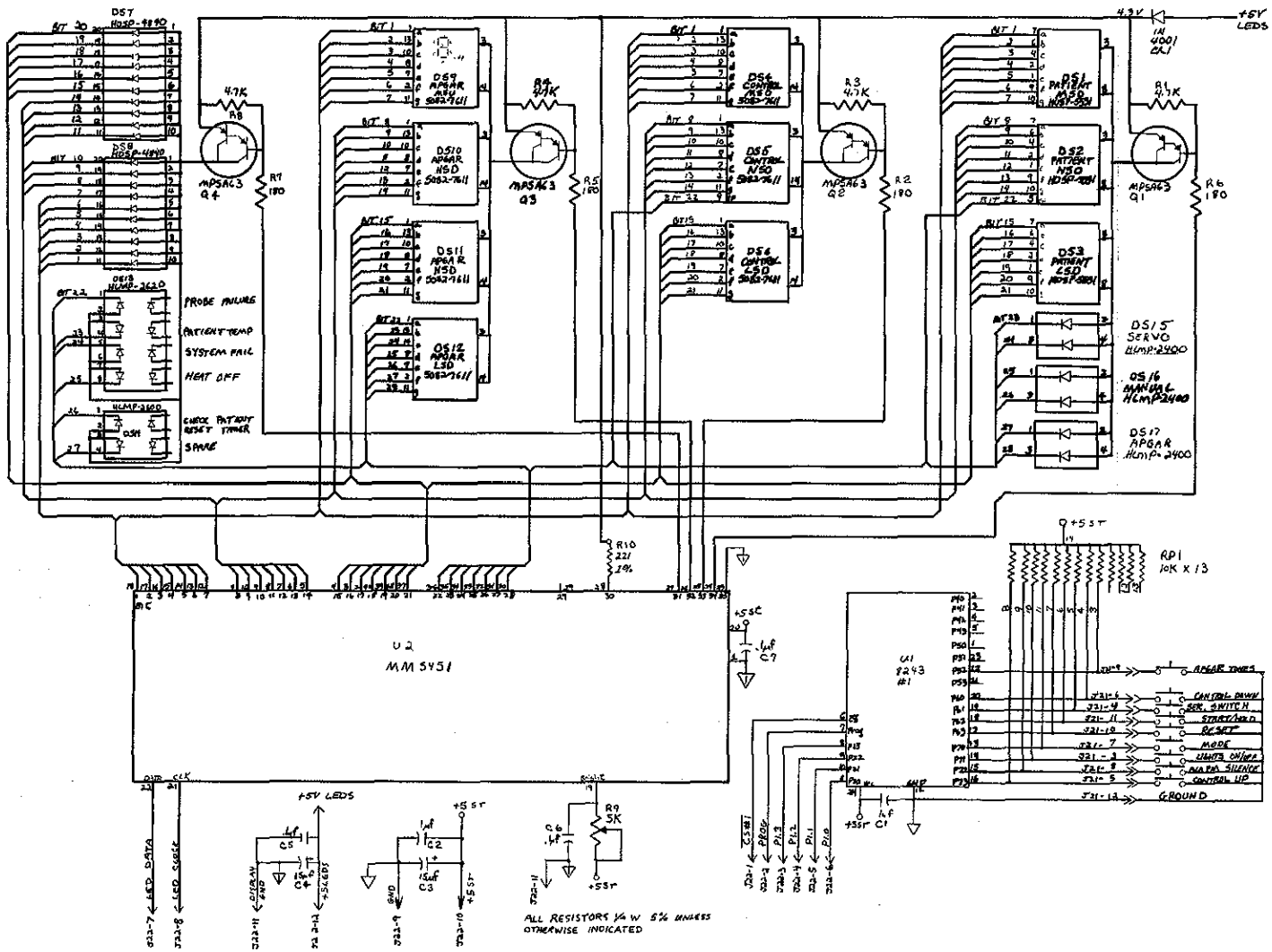


Figure 8-3
Display Board Schematic

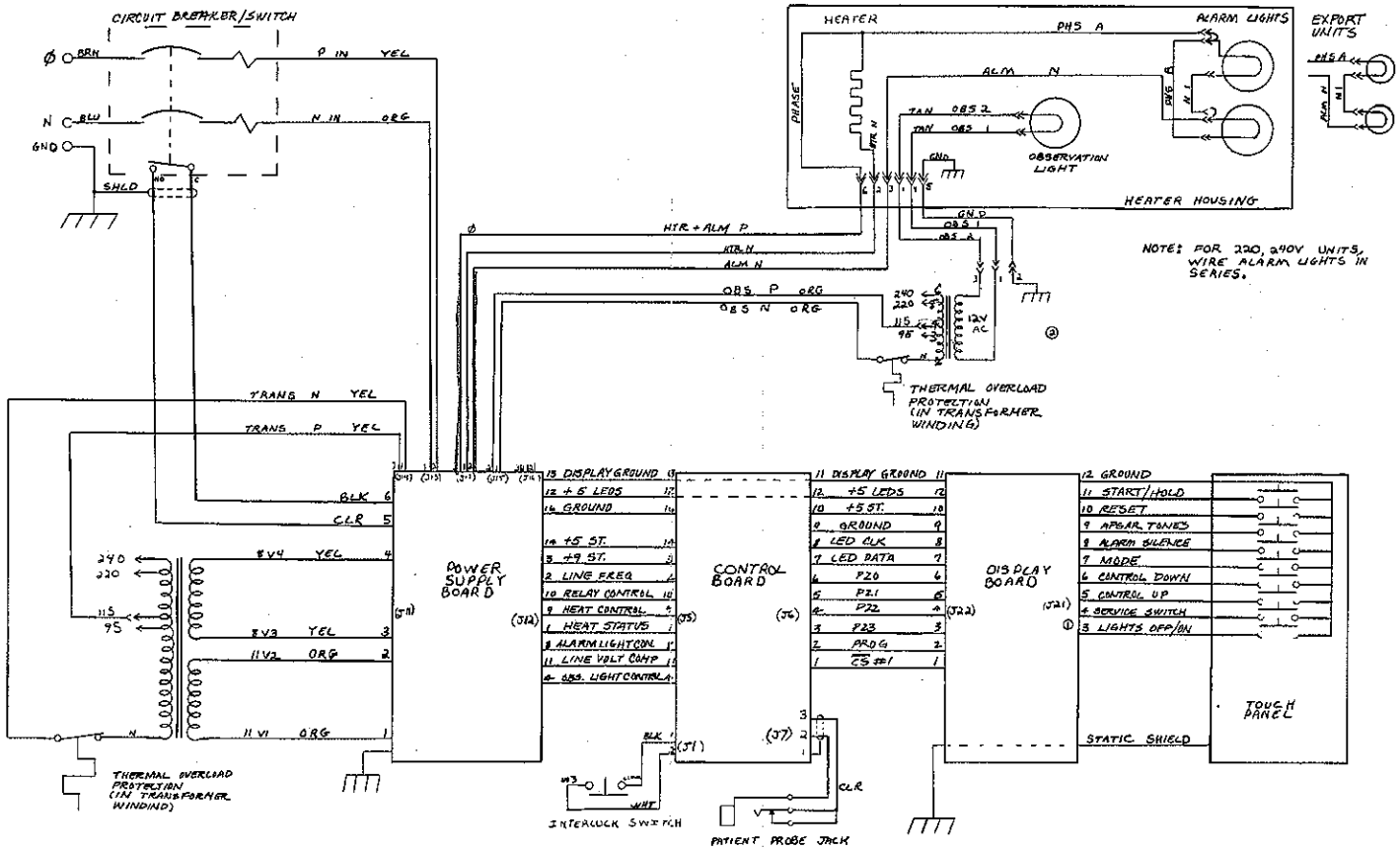


Figure 8-4
Wiring Diagram

Appendix

A. Test Equipment and Special Tools

Description	Part Number
Digital Multimeter, Fluke Model 8062A	0175-2379-000
Oscilloscope, B&K Model No. 1477, 15MHz Dual Trace Scope or equivalent	0175-2302-000
Leakage Current Tester, with AAMI test load or equivalent	0175-2284-000
Static Control Work Station, 3M Model 8005	0175-2311-000
Temperature Simulator (not required equipment)	0220-1114-800
Test Cable for the Temperature Simulator	0220-1117-800
Patient Probe Test Lead (For connecting calibrated resistors to the patient probe input.)	

B. Temperature Conversion Chart

°C	°F	°C	°F	°C	°F
20.0	68.0	34.5	94.1	37.6	99.7
21.5	70.7	35.0	95.0	37.7	99.9
22.0	71.6	35.1	95.2	37.8	100.0
22.5	72.5	35.2	95.4	37.9	100.2
23.0	73.4	35.3	95.4	38.0	100.4
23.5	74.3	35.4	95.7	38.1	100.6
24.0	75.2	35.5	95.9	38.2	100.8
24.5	76.1	35.6	96.1	38.3	100.9
25.0	77.0	35.7	96.3	38.4	101.1
25.5	77.9	35.8	96.4	38.5	101.3
26.0	78.8	35.9	96.6	38.6	101.5
26.5	79.7	36.0	96.8	38.7	101.7
27.0	80.6	36.1	97.0	38.8	101.8
27.5	81.5	36.2	97.2	38.9	102.0
28.0	82.4	36.3	97.3	39.0	102.2
28.5	83.3	36.4	97.5	39.5	103.1
29.0	84.2	36.5	97.7	40.0	104.0
29.5	85.1	36.6	97.9	40.5	104.9
30.0	86.0	36.7	98.1	41.0	105.8
30.5	86.9	36.8	98.2	41.5	106.7
31.0	87.8	36.9	98.4	42.0	107.6
31.5	88.7	37.0	98.6	42.5	108.5
32.0	89.6	37.1	98.8	43.0	109.4
32.5	90.5	37.2	99.0	43.5	110.3
33.0	91.4	37.3	99.1	44.0	111.2
33.5	92.3	37.4	99.3	44.5	112.1
34.0	93.2	37.5	99.5	45.0	113.0

C. Patient Probe Characteristics

Temp °C	Res. Ohms	Temp °C	Res. Ohms	Temp °C	Res. Ohms	Temp °C	Res. Ohms
29.9	8049.1	34.0	6778.1	38.0	5731.3	42.0	4845.3
30.0	8015.4	.1	6749.8	.1	5707.3	.1	4825.0
.1	7981.9	.2	6721.5	.2	5683.5	.2	4804.8
.2	7948.5	.3	6693.4	.3	5659.7	.3	4784.6
.3	7915.2	.4	6665.4	.4	5636.0	.4	4764.6
.4	7882.1	.5	6637.5	.5	5612.4	.5	4744.6
.5	7849.2	.6	6609.8	.6	5588.9	.6	4724.7
.6	7816.3	.7	6582.1	.7	5565.4	.7	4704.9
.7	7783.7	.8	6554.6	.8	5542.1	.8	4685.1
.8	7751.1	.9	6527.1	.9	5518.9	.9	4665.5
.9	7718.7	35.0	6499.8	39.0	5495.8	43.0	4645.9
31.0	7686.4	.1	6472.6	.1	5472.8	.1	4626.4
.1	7654.3	.2	6445.6	.2	5449.9	.2	4607.0
.2	7622.2	.3	6418.6	.3	5427.1	.3	4587.7
.3	7590.4	.4	6391.7	.4	5404.3	.4	4568.5
.4	7558.6	.5	6365.0	.5	5381.7	.5	4549.3
.5	7527.0	.6	6338.3	.6	5359.1	.6	4530.2
.6	7495.5	.7	6311.8	.7	5336.7	.7	4511.2
.7	7464.2	.8	6285.4	.8	5314.3	.8	4492.3
.8	7432.9	.9	6259.1	.9	5292.1	.9	4473.4
.9	7401.9	36.0	6232.9	40.0	5269.9	44.0	4454.6
32.0	7370.9	.1	6206.8	.1	5247.8	.1	4436.0
.1	7340.1	.2	6180.9	.2	5225.8	.2	4417.3
.2	7309.4	.3	6155.0	.3	5203.9	.3	4398.8
.3	7278.8	.4	6129.2	.4	5182.1	.4	4380.3
.4	7248.3	.5	6103.6	.5	5160.4	.5	4361.9
.5	7218.0	.6	6078.0	.6	5138.8	.6	4343.6
.6	7187.8	.7	6052.6	.7	5117.3	.7	4325.4
.7	7157.8	.8	6027.3	.8	5095.8	.8	4307.3
.8	7127.8	.9	6002.0	.9	5074.5	.9	4289.2
.9	7098.0	37.0	5976.9	41.0	5053.2	45.0	4271.2
33.0	7068.3	.1	5951.9	.1	5032.0		
.1	7038.8	.2	5927.0	.2	5010.9		
.2	7009.3	.3	5902.2	.3	4989.9		
.3	6980.0	.4	5877.4	.4	4969.0		
.4	6950.8	.5	5852.8	.5	4948.2		
.5	6921.7	.6	5828.3	.6	4927.4		
.6	6892.8	.7	5803.9	.7	4906.8		
.7	6863.9	.8	5779.6	.8	4886.2		
.8	6835.2	.9	5755.4	.9	4865.7		
.9	6806.6						

Appendix

D. Drawer Accessory Kit
Stock Number 0217-5379-800

1. Pull drawers forward, release locks on slide channels and remove drawers from cabinet.
2. Loosen bracket retaining screws.
3. Bolt cabinets to bottom of bed support casting with hardware provided.
4. Align rear bracket sets with inner dovetails in uprights and tighten retaining screws. (Figure A-1)
5. Reinstall drawers into cabinet.

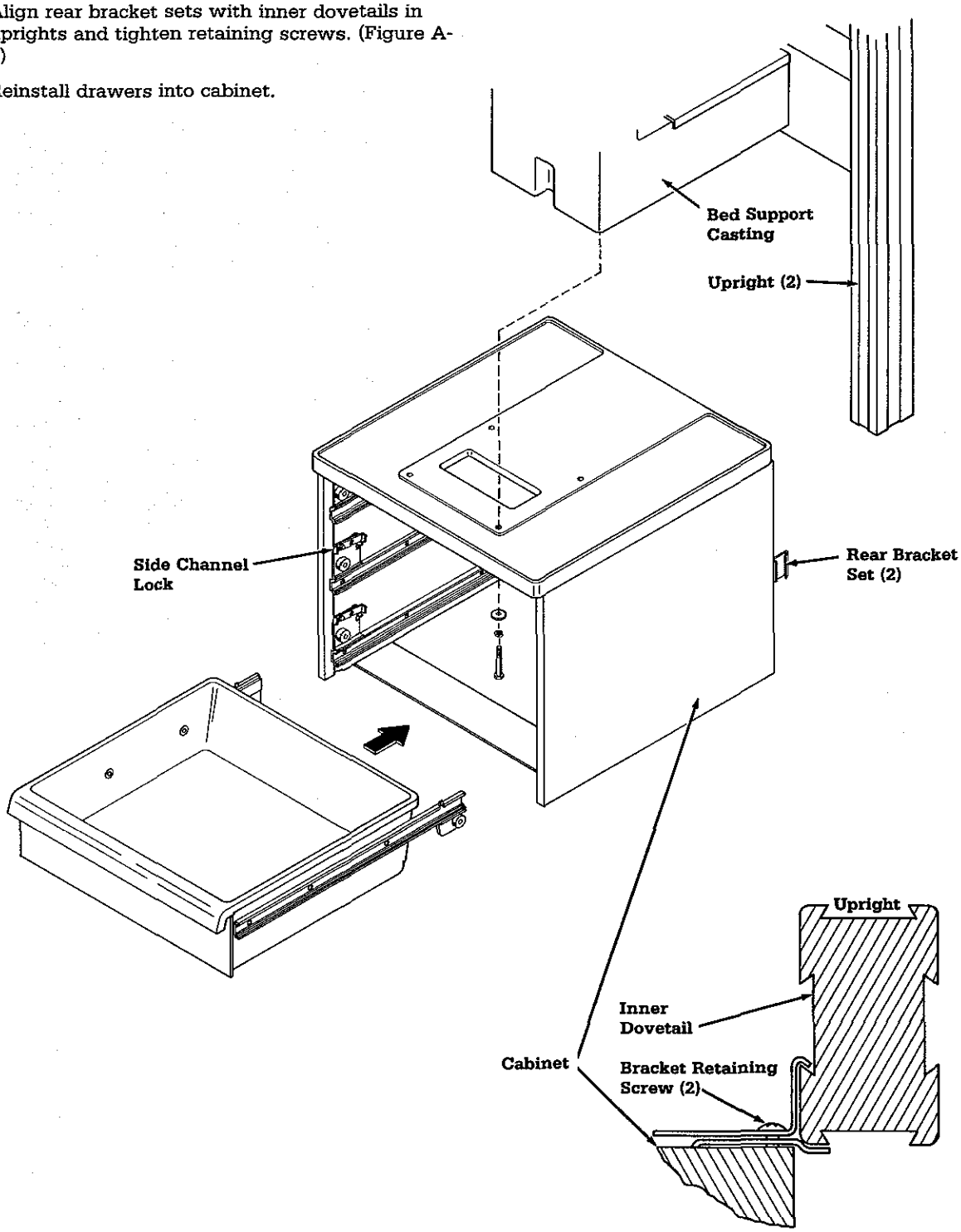


Figure A-1
Drawer Assembly

Appendix

E. O_2 Yoke and Regulator Assembly Kit
Stock Number 0304-5260-800

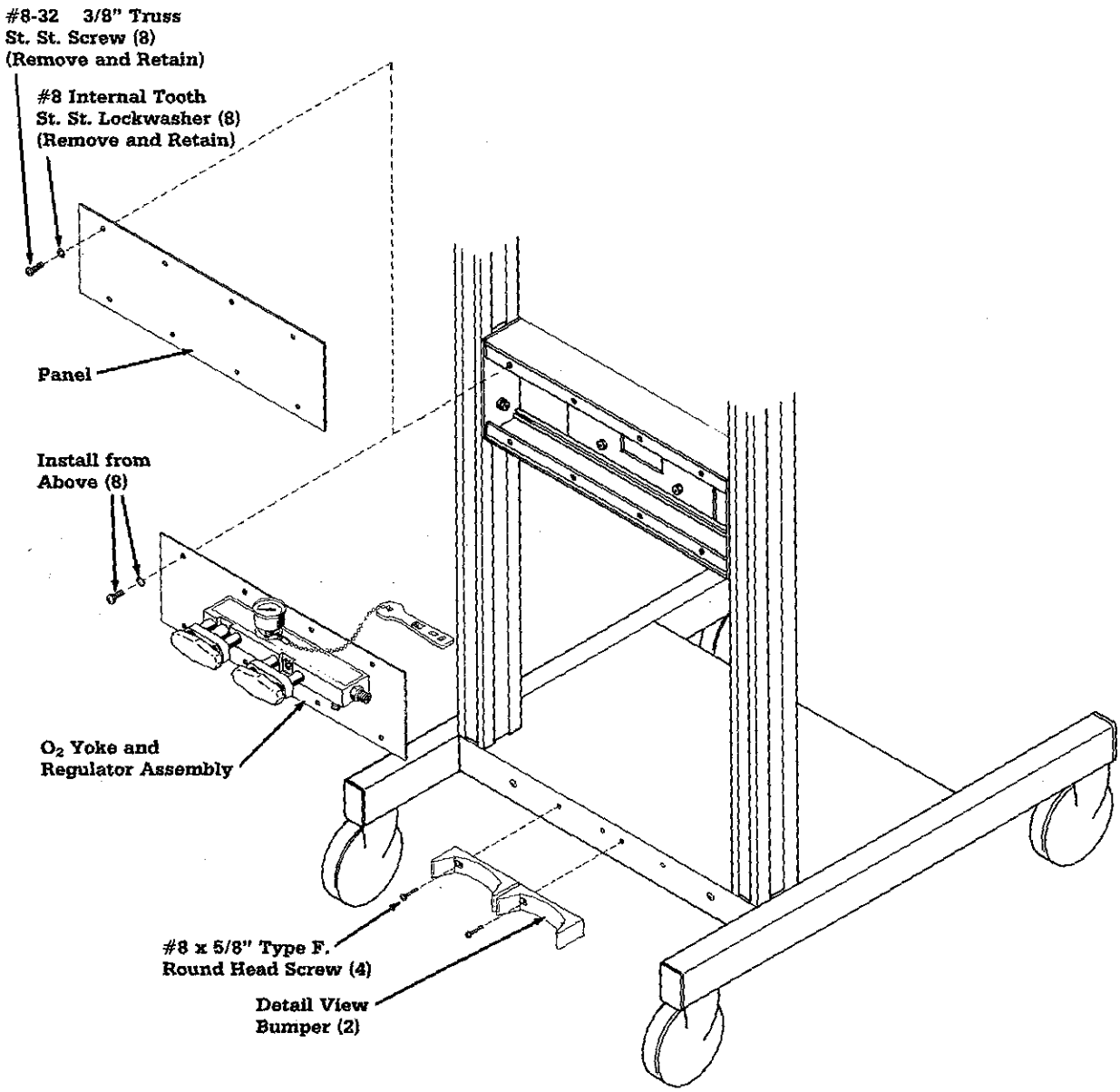


Figure A-2
Yoke and Regulator Assembly

Service Notes

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